

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 2, 3, 4, 6, 8, 9, and 10 as follows.

1. (currently amended) An infusion pump comprising :
a pump hose (13) having two transition pieces (15, 20) at opposite ends, respectively, of the pump hose;
a housing (10) accommodating a pump finger mechanism (12) and having two holders (16, 21) for fastening the two transition pieces (15, 20), a door (24) provided at the housing (10) and forming a counter bearing for supporting the pump hose (13); and
wherein at least one of the holders (16) mates with ~~[[the]]~~ at least one associated transition piece (15) of the two transition pieces (15, 20) via at least a combination of an oblique pin (17) and an oblique hole (18) to be slipped onto the oblique pin, the pin (17) and the hole (18) being inclined the same with respect to ~~[[the]]~~ a longitudinal axis of the placed pump hose (13).
2. (currently amended) The infusion pump of claim 1, wherein the oblique pin (17) is provided at the holder (16) and the oblique hole (18) is provided at the associated transition piece (15).
3. (currently amended) The infusion pump of claim 2, wherein the at least one holder (16) has two parallel oblique pins (17) and the associated transition piece (15) has two parallel holes (18).
4. (currently amended) The infusion pump of claim 1, wherein the at least one holder (16) has two parallel oblique pins (17) and the associated transition piece (15) has two parallel holes (18).
5. (original) The infusion pump of claim 1, wherein the door (24) is provided with recesses (28) for receiving the ends of the pins (17).

6. (currently amended) The infusion pump of claim 1, ~~wherein the other~~ comprises another transition piece (20) ~~comprises~~ comprising a locking clamp (22) engaging over a web of the housing (10).
7. (original) The infusion pump of claim 1, wherein the pump hose (13) has a longitudinal color strip (29) for detecting hose twisting.
8. (currently amended) A pump hose, especially for an infusion pump of claims 1, 2, 3, 4, 5, 6 or 7, further comprising a length [(14)] of hose (14) with ~~a respective~~ the two transition ~~pieces~~ pieces (15 and 20) at opposite ends, wherein at least one of the associated transition ~~pieces~~ piece (15) of the two transition pieces (15 and 20) has two half shells (36, 37) connected by a hinge portion (31), a tubular pin (30) projecting from the hinge portion (31), and the half shells (36, 37) having flanges (33, 34) adapted to be abutted against and connected with each other, the flanges clampingly enclosing the end of the length (14) of hose slipped on the tubular pin (30).
9. (currently amended) The pump hose of claim 8, wherein the associated transition piece (15) is an integral plastic part.
10. (currently amended) A transition piece (15) for clampingly holding an end of a length of hose 14, the transition piece (15) comprising:
two half shells (36, 37) connected by a hinge portion (31), the half shells (36, 37) having flanges (33, 34) adapted to be abutted against and connected with each other;
a tubular pin (30) projecting from the hinge portion (31); and [[,]]
wherein the flanges clampingly enclose the end of the length [(14)] of hose (14) slipped on the tubular pin (30).
11. (previously presented) The transition piece (15) of claim 10, wherein the flanges of the half shells each define a tunnel portion generally aligned with each other to form a channel when the flanges are abutted and connected to each other, the channel sized for clamping engagement with a end of a tube slipped onto the tubular pin;

12. (previously presented) The transition piece (15) of claim 10, further comprising;
an opening sized for receiving a tubing, the opening interconnecting through the hinge to the tubular pin so that a tubing received in the opening is in fluid communication with a hose slipped onto the pin.
13. (previously presented) The transition piece (15) of claim 12, wherein the tubing is sealingly attached to the opening.
14. (previously presented) The transition piece (15) of claims 10, 11, 12 or 13, wherein the transition piece is an integral plastic part that is bendable about the hinge.
15. (previously presented) The transition piece (15) of claim 14, wherein the flanges are connectable to each other by plastic welding.
16. (previously presented) The transition piece (15) of claim 14, wherein the plastic of the transition piece is relatively harder than the hose.
17. (previously presented) A transition piece (15) comprising:
a tubular pin (30) and sized for inserting into an end of a hose (14);
a hinge portion (31) integrally formed attached transverse to the tubular pin (30);
at least two shells (36, 37) integrally formed connected to the hinge portion (31) projecting adjacent to the tubular pin (30), wherein the shells are pivotable on the hinge to clamp the end of the hose onto the tubular pin.
18. (previously presented) The transition piece (15) of claim 17, wherein the at least two shells each further comprise an integrally formed flange defining an tunnel portion so that a tubular clamping channel is formed between the flanges when the shells are pivoted on the hinge and the flanges are abutt against and connected to each other.
19. (previously presented) The transition piece (15) of claim 17, further comprising;

an opening sized for receiving a tubing, the opening interconnecting through the hinge to the tubular pin so that a hose slipped onto the tubular pin is in fluid communication with the opening.

20. (previously presented) The transition piece (15) of claim 19, wherein the opening is connectable to a tubing so that the tubing and the hose are interconnectable into fluid communication through the transition piece.